

BASF Aktiengesellschaft

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We claim:

1. A process for working up hydroxylamine-containing solutions, in particular from the electronics industry, wherein the hydroxylamine is stripped from the hydroxylamine-containing solution with steam.
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2. A process as claimed in claim 1, wherein the solution is passed into a rectification column and the hydroxylamine is stripped by the countercurrent method with steam, a top product comprising aqueous hydroxylamine and a bottom product being obtained.
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3. A process as claimed in claim 2, wherein the top product is condensed and is partly recycled to the rectification column, a reflux ratio of less than 0.5 being chosen.
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4. A process as claimed in claim 2, wherein the rectification column is operated at from 0.1 to 1.0, preferably at from 0.8 to 1.0, atmosphere.
5. A process as claimed in claim 2, wherein some of the bottom product is vaporized again by means of an evaporator and the vaporous fractions are recycled to the rectification column.
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6. A process as claimed in claim 2, wherein water is added to the liquid phase of the rectification column, preferably passed into the bottom of the rectification column.
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